

Patent Application  
Attorney Docket No. D/A0433Q

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Proper

Application No.: 09/749,059

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Examiner: C. Cooley

Art Unit: 1723

## CERTIFICATE OF FACSIMILE

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*Patty Northrop*  
*Patty Northrop*  
(Signature)

Title: BLENDING TOOL WITH AN ADJUSTABLE  
COLLISION PROFILE AND METHOD OF ADJUSTING  
THE COLLISION PROFILE

Commissioner for Patents  
Washington, D.C. 20231

Sir:

AMENDMENT UNDER C.F.R. 1.116

In response to the office action dated August 16, 2002.

IN THE SPECIFICATION:

Please substitute the following amended paragraph for the pending  
paragraph beginning on page 7, line 1:

The relevance of the above description of blending tool 16 to the manufacture of electrophotographic, electrostatic or similar toners is demonstrated by the following description of a typical toner manufacturing process. A typical polymer based toner is produced by melt-mixing the heated polymer resin with a pigment in an extruder, such as a Weiner Pfleider ZSK-53™, whereby the pigment is dispersed in the polymer. After the resin has been extruded, the resin mixture is reduced in size by any suitable method including those known in the art. Such reduction is aided by the brittleness of most toners which causes the resin to fracture when impacted. This allows rapid particle size reduction in pulverizers or

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